

Material - ASTM B 582 N06975

Standard Specification for Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet and Strip

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 582 N06975 Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet and Strip

Application - Intended for Valve, Pump, General Engineering, Automotive and other Industries

Grade Belongs to the Industry - Plate, Sheet and Strip

Chemical Composition			Heat Treatment	
Carbon	C %	0.030 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	1.000 max.		
Manganese	Mn %	1.000 max.		
Chromium	Cr %	23.000 - 26.000		
Sulphur	S %	0.030 max.		
Molybdenum	Mo %	5.000 - 7.000		
Phosphorus	P %	0.030 max.		
Titanium	Ti %	0.700 - 1.500	Mechanical Properties Tensile Strength in Mpa 586 min. Yield Strength in Mpa 221 min. Elongation in % 40 min. Reduction of Area in % - Hardness in HRC 100 max. Impact in Joule -	
Copper	Cu %	0.700 - 1.200		
Nickel	Ni %	47.000 - 52.000		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 581 N06975	ASTM	USA	Rod
B 619 N06975	ASTM	USA	Pipe
B 622 N06975	ASTM	USA	Pipe and Tube
B 626 N06975	ASTM	USA	Tube
SB-581 N06975	ASME	USA	Rod
SB-582 N06975	ASME	USA	Plate, Sheet and Strip
SB-619 N06975	ASME	USA	Pipe

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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